CORN HUSES FOR PAPER.

The husk of Indian corn is being used in

he manufacture of paper. In some exper ments to test this use the husks were

HOW PLANTS BREATRE.

When it is once understood that plants

which is worked in various ways.

WANAMAKER'S WORK

suggestions; many of them are unavailable, but how and then I get a good one, and such are worth waiting for." He is in his office by 8 o'clock, an hour before the clerks appear. That hour he is at liberty to spend over his private correspondence. Then come the subordinate officers to consuit with him. He gives everyone the responsible of \$3,600,000,000.

The city of London is put down by

Julian Hawthorne Spends an Hour in His Office.

Hour in His Office.

Hour in His Office.

A BIG BATTLE OF GIANTS

Come the subordinate officers to consuit with him. He gives everyone the responsibility of his position, his theory being that the more you trust a man the more trustworthy he becomes. But he first selects the man in question with great care, and his instinct in this important matter is very seldom at fault.

At 10 o'clock the procession of congressmen and people in general begins to stream men and people in general begins to stream.

The city of Lendon is put down by geographers as the centre of the landed termisphere. In other words, a radius of the earth, with London as a centre, would describe a circumference inclosing more land than any 6,000-mile circle that could be drawn from any other city in the world.

men and people in general begins to stream in and insts till lunch time—at 1 o'clock.

Only on Thesdays and Thursdays at 11:30 the postmaster-general gets into the department hack and is driven to cabinet meeting. By 3, in any case, he is back in his office and stays there till past 7. Sometimes he drives out with the President or some other leading man, and they enjoy the structure, and 1 suppose discuss (82,497.

The total wealth of an Alaska village has been estimated as follows: Number of dogs, 175; hunting sieds, 47; freight sleds, 56; iglose (houses), 69; canoes, 51; kyaks, 14; breech-loading rifles, 67; nuzzle-loading shotguns, 5; muzzle-loading shotguns, 5; muzzle-loading shotguns, 5; revolvers, 27; axes (mostly old), 59; pickaxes, 6. Total value, 82,497.

The stual of an Alaska village has been estimated as follows: Number of dogs, 175; hunting sieds, 47; freight sleds, 56; iglose (houses), 69; canoes, 51; kyaks, 14; breech-loading shotguns, 5; muzzle-loading shotguns, 5; muzzle-loading

The Handling of the Postal Business

A Few of the Improvements

A Few of the Improvements

A Few of the Improvements

Made and Contemplated.

Didy or Tuesdays and Thursdays at 11.20

Didy or Tuesdays and Thursdays at 11.20

Didy or Tuesdays and Thursdays at 11.20

There is a normal to Jir. Wamanaker's

Washington carcer; it may be formulated:

Washington carcer; it may be formulated by the state of the st so far as Washington is concerned, is confined to giving this country the best postoffice administration it has ever had. Some
wise persons will here smile graciously

Hawthoung.

carried in electric launches along the caual immense size and of the same granite which from the city to the exhibition.

iments to test this use the husks were thrown into a rotary boiler, and after being mixed with caustic soda and thoroughly boiled, they formed a kind of spongy pastfull of a gintinous substance. This pastwas then placed in a hydraulic press so as to separate the gluten from the fiber; a compact mass of fiber was then obtained which is worked in various wars.

wheel.

The eyeball of the owl is immovably fixed in its socker, hence the look of wisdom that that bird always appears to have. In the horse an eye in which white predominates indicates a vicious nature.

The descendants of a single wasp number as many as 30,000 in one senson. No-

ber as many as 30,000 in one senson. No-vember is the intal month which kills them A "wagon chair" rests where the rafters bene all off except two or three females, on out depends the perpetuation of the Areic of tuli ha'f a century ago.
But its reat is filled up with a motley-made

-The largest animal known to exist in of bonnets and hats that have parted with seworld at the present time is the rorqual, the world at the present time is the rorqual, which averages 100 feet in length, and the smallest is monad, which is only one twelve-hundreth of an nuch in length.

-No animal has more than five toes, digits or claws to each foot or limb. The horse is one-toed, the ox two-toed, the rhinoceros is three toed, the hippopotamus is four-toed and the elephant and hundreds of other unimals are five-toed.

BONES OF AN ENTINCY BIRD. It is estimated that the bones of 500 moas were recently found in New Zealand. Occa-sionally charred remains of this now ex-tinct bird have also been found, which points to the fact, also hinted at in tradi-tion, that the carry inhabitants of New Zealand must have hunted and caten it. Zealand must have hunted and eaten it. The mon was an immense wingless bird of the estrich type which, according to Sir Eitherd Owen, stood at leasten feet high. There was another wingless bird found in Madagascar, whose eggs have been discovered. They measure from twelve to four-teen meles in diameter, and are three times as argue as the egg of an estrick. Nearly all wingless birds have been found south of the equator and on islands, which latter fact seems to furnish a good reason for their not having sconer become extinct

A SPIDER'S MIMICRY. An interesting instance of mimicry in a spider has been observed in the south of France. To source its proxy the spider hides in convolvation flowers, which are pleatiful in this region, and are of three principal colors. A green variety of the spider visit the flowers having a greenish hue, a variety mostly white lives in the white flowers having a property fracement the res and a partiy pink variety frequents the pink flowers. If the animal is found in the red dahlin it is red instead of pink, and is yellow in a yellow flower. The three va-rieties were at first supposed to be permament, but it has been accidentally discovered that the color of any one of these spiders together the plak, white, gre

PRODUCTS OF THE EARTH

Odd and Unique Curiosities of Sature -The biggest diamond is 1 880 carats -The output of asbestos from the Cana nes last year was 8,000 tons. -A stalactite cave of much beauty has

it is reported, been discovered near Glas-cow, Virginia. cow, Virginia.

—Chemists have extracted from coal tar sixteen shades of blue, sixteen of yellow, twelve of orange, nine of violet, besides shades of other colors too numerous to

...The discovery of a large deposit of vanadium has been made in the Argentine Republic. The principal source of this rare metal has pr viously been from a small vein in the Ural mountains.

Scapstone, or steatite, can be made into anything. Very beautiful stoves are made of it, and stationary washstubs and sinks are important products. Not an onnee need be wasted, for the dust is used to need by water, for the dust is used to adulterate rubber goods, giving so-called gum rubbers their duil finish, and in paper, too, it is used to give weight, while at waste can be ground up into a flour while can be made into a fiveproof paint for the interior of mills or the roof of buildings.

WILMERDING & CO.

Agents for Pacific Coast. No. 216 California St., SAN FRANCISCO, CAL

NEW YORK, February 1, 1890.

S. P. TEASDEL'S Holiday Clearance Sale.

You can buy 1000 Dress Patterns for Holiday Presents at 10 to 25 per cent, reduction. Also Big Cut in Shawls Beaver, Cashmere, etc., Double and Single A Big Variety of Boots, Shoes and Slippers. All classes reduced in prices.

Reduction to Continue for Three Weeks.

A Sweeping Reduction in Men's and Boys' Clothing, to reduce our immense stock,

ed Get Your Raisins and Currants Ready Cleaned. . WE HAVE THE FINEST IN THE WORLD.

And Ladies, don't forget to take home with you some of the Choice, Fine Flavored

JAPAN TEA, BRANDED

It is unequaled in quality

ONLY 25c. per Pound And Don't You Forget It.

∗ OUR X M A S D

supply of TOYS and FANCY GOODS have arrived. Come white we have room for you to select. We must apologize for the crowded state in these departments, but the public know where their best interests are.

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We Make Your Interest Ours. A Satisfied Customer is our Best Advertisement. Remember at

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45HOBS ARE SUPERIOR TO ALL OTHERS

Ank 7. C. M. I. for Then Utah Cracker Factory. 1 37 E. Third South Street, Manufacturer of the Celebrated



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ELECTRIC MOTORS REPAIR BYTOS

Up to 500 Volts, and from I Horse Power to 40 Horse Pewer.

e Electric Light Dynamos, e

INCANDESCENT LAMPS OF BEST MAKE. Suitable for any Socket, 50 Volts to 110 Volts, 16 C. P. to 750 C. P.

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AIR COMPRESSORS,

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HOME COAL COMP'Y

22 E. First South St.

IT IS A BOON TO READ.

We ask every reader to consider the offer made in our advertising columns of a complete set of the Americanized Encycloredia Britannica for the small sum of \$5.00 on delivery of the complete set, and \$2.50 a month for ten months. This proposition is made solely on condition of your subscribing to this paper for one year; all our present subscribers are entitled to all the advantages of this offer. Such a proposition was never made by any newspaper before, and the fact that we are able to make it is a striking illustration of the wealth producing progress of tho world in this wondrous age of electricity and steam. The cost of producing the encyclopædia has considerably exceeded \$1,000,000. That such a work should be placed at the disposal of every resident of this section at a price so small that the saving of eight cents daily for eight months will cover it, and on terms so easy as to involve no inconveniences of economy-this surely is a triumph of modern intelligence and labor combination.

What the Americanized Encyclopmdia Britannica is, however, is a matter as to which information is not generally diffused. The Encyclopædia Britannica is regarded by all students and literary men as the standard reference authority of the English speaking world. For nearly one hundred and twenty years it has stood at the head of its peculiar class of literature, employing on its nine editions the most celebrated writers of successive generations, and sparing no expense necessary to secure the services of the foremost men in every department of human knowledge. Essays, dissertaions and descriptions by such men as Macaulay, Jeffrey, Leigh Hunt, Faraday, Mill, Tyndall, Huxley, Clifford and Farrar are imbedded in its pages, making it not only an encyclopædia of facts, but a most delightful assortment of literary treasures as well.

This is the work which forms the basis of the Americanized Eccyclopicdia Britannica, which is, as its name imports, the original Britannica remodeled, amended and, where necessary, enlarged to fit it to occupy in American homes the place held by the original work among the people of England. Articles on subjects peculiarly interesting to Americanssuch as the histories and descriptions of American states and cities, accounts of military operations on American soil, descriptions of peculiarly American industries and institutions-have been entirely rewritten and greatly enlarged, the space alloted to matters uninteresting except to Englishmen being correspondingly reduced. A most complete series of biographies of living persons-of whom no mention is made in the original work, its plan excluding notices of any but the dead -has been added, a number of new maps, including one of every state in the union, have been introduced and the entire work has been corrected to bring it into line with the progress of history and science up to the present year. The net result is a compilation that in interest and reliability surpasses the original Encyclopædia Britannica as far as that monumental work surpasses all others of its kind. It may not be amiss to say here a

few words to one of the uses of a work like the Americanized Encyclopiedia Britannies, to which many of our readers, perhaps, give little thought. The Britannica and its competitors have hitherto been offered have resulted in limiting their sale to literary men and comparatively wealthy families, and the effect of this limitation has been that by the great mass of American people an encyclopædia is looked on as work of reference and nothing more; something useful to students, but rarely needed by men of non-professional vocations. How mistaken this idea is anybody will instantly see who will take the trouble to glance through a volume of the Americanized Encyclopædia Britannica. From end to end it abounds in reading of the most delightful kind-biography, travels, history, narratives of adventure, accounts of strange and distant countries, descriptions of inventions and machinery. There is hardly a page of it that will not hold the mind enchained. The influence of such a literary collection in a family is incalculable. It sids the education of the young; it expands and strengthens the minds of older people; it fosters a taste for profitable reading and saves the young from one of the greatest dangers of our day-the temptation offered by the thousands of chesp, trashy and corrupting books that deluge our country in a perennial stream. A library of reference, a collection of pure and entertaining literature, a vehiele of education and a safeguard against vice - this is what we offer to our readers.

We will give THE DAILY HERALD one year and the set of Encyclopedias for \$30, \$5 down and \$2.50 per month till paid; The SENDAY HERALD and the set for \$22.50, and THE SEMI-WEEKLY HERALD and and The Sami-Weren't Herald and the set (with apremium receipt) for \$23.00, also in monthly payments if desired. A discount of 5 per sent will be allowed for cost, The above offer is for the Encyclopedias in cloth binding; sheep binding \$8.50 per set extra; half morocco, \$5.00 per set extra; These valuable books can can't be obtained by subscribing for The Herald. The sets are now on hand, and we will be pleased to show samples to any one who will call to snow campire to any one who will call at our office.

JOB OFFICES.

STEREOTYPED

At the Herald Office.

New and Complete Outfit. First-class Work Guaranteed.

POSTMASTER-GENERAL WANAMAKER. and say: "And what about the Presidency!"
Well I am free to admit that I don't believe
Mr. Wanamaker wants the Presidency. It
bus been stated that no man can live who is capable of refusing it, were he sure of get- A Museum of Natural Curiositing it. Mr. Wanamaker is not sure of got-ting it; far from it; but I believe that he is more than rom it; but I believe that he is more than content that it should be so. He doesn't want it. Were he nominated and elected, he might think he did want it. But he doesn't want it now; and it is very likely that, when his term is up, he will retire with much content into private life even giving up his shop, perhaps, and show the world,in common with George Peabody and G. W. Childs, how much good mone

To give an idea of what the postoffic To give an idea of what the postoffice growth has been since it was started under old Samuel Oscood, a hundred and old years ago, it is enough to say that in 1789, 2,000 letters were posted in a day, whereas now 5,000 are posted every minute of the twenty-four hours. Nevertheless, the greater part of this growth has taken place since 1800, and since the present administration assumed power some of the most useful improvements and striking reforms have been made. Still greater ones are in omiliouses, pass through the strand in a

A PICTURE GALLERY

several hundred thousand dollars' worth of the best pictures in it. The din-ing-room is soberly magnificent—ebony woodwork, grided ceiling, dark red slik walls, silver and crystal, Gobelin tapestry. hammered brass. The library is me sober still, but in excellent taste. He Here sober still, but in excellent taste. Here
Mr. Wannmaker appeared to the present
writer, clad in a light gray lounging sack
cost and dark trousers. He is a man above
middle height, rather lightly built. His face
is fresh colored, smooth shaven and young His eyes are dark gray, very bright and observant; forehead large bright and observant; foreness large, lower face slender in proportion; a good-sized, business-like mose. There is a certain quiet energy and enthusiasm in the expression of his countenance; you see that the man is a man of genius, of judgment, of resources. His conversation is thoughtful, terse and low-voiced. Activity and alertheses are in him combined with ment, of resources. Fin conversation is thoughtful, terse and low-voiced. Activity and alertness are in him combined with age 1,525,730,000 years.

Animals and Minerals.

have been made prespect. But before entering upon their consideration let us take a look at the post-master general himself and see how he looks and how he occupies himself.

The mansion in I street is quiet, but rich. Nothing is expended in fancy, but everything is solid and valuable and appears better at the second giance than at the first, and with the moderate rate of one shilling per hour, is 2157 per day or over 25,000 per naum." Another ingenious gentleman anum." Another ingenious gentleman commenting on the statement that the Americans use annually 1,800 pounds of gold, worth about £90,000, in stepping decayed teeth, makes the inevitable "simple calculation," and arrives at the conclusion that in one hundred years the American cemeteries will contain more gold than now exists in France.

Statistical Notes.

- Frisco is making a steam sieigh. -Jerusalem now has 50,000 people.

Charles James Mathews, when the craze for calculations was not nearly so great as at present, wrote some satirical verses

Items About Population, Geographical and

-Queen Victoria has sixty servants -The Cunard line employs 11,000 people.

merchants.

Odd Things About People and Countries,

annum." Another ingenious gentleman commenting on the statement that the

-China has twenty-seven American

exists in France.

-Among 200,000,000 of the world's popu-

small vein in the Ural mountains.

Here is somebody assuring us that twelve thousand vehicles, a quarter of them on the useful improvements and striking reforms twelve thousand vehicles, a quarter of them omiliuses, pass through the strand in a prospect. But before entering upon their consideration let us take a look at the postmaster general himself and see how he looks and how he occupies himself.

The massion in I street is guiet, but rich. Nothing is expended in fancy, but every.

I mation."

Here is somebody assuring us that twelve thousand vehicles, a quarter of them omiliuses, pass through the strand in a jeweler's shop there the most marvelous penti necklace of modern day, carrying 63,000 persons. Each vehicle, it seems, is, owing to the astroomers of the years to collect the pearls of which it is street, delayed on an average three minutes. What of that? one may reasonably ask. "Oh," says the calculator, in effect, perfection of form and color. The necklace of the carrying forms of the carrying forms of the pearls of which it is street, delayed on an average three minutes. What of that? one may reasonably ask. "Oh," says the calculator, in effect, perfection of form and color. The necklace of the carrying forms of the carrying forms of the carrying forms. The pearls that twelve thousand vehicles, a quarter of them one has seen in a jeweler's shop there the most marvelous pent most marvelous pent inchained in the Ural mountains.

Lucy Hooper writes from Paris that twelve thousand vehicles, a quarter of them on the wide that twelve thousand vehicles, a quarter of them on the use of the sea how he as seen in a jeweler's shop there the most marvelous pent inchained in the Ural mountains.

Lucy Hooper writes from Paris that twelve thousand vehicles, a quarter of them on the use of the sea has seen in a jeweler's shop the sea has seen in a jeweler's shop them twelve thousand vehicles, a quarter of them on the use of the sea has seen in a jeweler's shop them twelve thousand vehicles, a quarter of them on the

PROPLE AND PLACES

be a present by the Czar to his wife. USES OF SOAPSTONE.

> THE DIGGEST BOWLDER. Accepting reported measurements, the largest cratic block or bowlder as yet recognized in the United States, and probably in the world, it is in the town of Madison, New Hampshire, and, according to Prof. Crosby, of the Boston institute of technology, has the following maximum dimensions: Length, 33 feet; width, in excess of 45 feet; height, 30 to 37 feet; contents, 30,000 cubic feet, and probable weight, 15,300,000 pounds, or 7,650 tons. Next to this in seize is undoubtedly the great rock in the totrn of Montville, New London county, Connecticut, generally known by its lu-Accepting reported measurements, the

and alertness are in him combined with composure.

I am bound to say that Mr. Wanamaker did not take very ardently to the idea of being exploited in the newspapers. He is a man of deeds, not words. 'I just try to do the work: that's about all there is of it," was his remark. He listens attentively and keeps his own council.

However, I made an appointment for next morning at the department, and so took my leave.

The office is a large, light, pleasant room, which anyone apparently may enter and tell his business to the postmaster-general, who hears it all, and gives his answer briefly and frankly, though courtecusty.

"EVERTBODY THINKS HE CAN BUN THE POSTOFICE,"

Among 200,000,000 of the world's population shows Leading 200,000,000 persons in the torn of Montville, New Leaden 200,000 connecticut, generally known by its Indian designation as "Sheevan," and also as "Molegan." In the opinion of some, this rock is an isolated grantle preduction the torn of Montville, New Leaden 200 who be used to the world's population as "Sheevan," and also as "Molegan." In the opinion of the torn of Montville, New Leaden 200 wholegan. The torn of Montville, New Leaden 200 wholegan. In France and Holland the auctio

Here a crockery crate holds a load of its own There a bedstead records the long years to

There a bedstead records the long years tunt have fi wn.
While thick convebs and dust fill each crevice around
Where the past goes to sleep, undisturbed by a sound.

Most putbetic of all is the cradle I see. Which rocked my forefathers before it rocke

me-But they, with the hands that propelled it are

gone, While the oaken-made treasure, uninjured, lives

In a sleep which the cradle was powerless to

They rest-but their virtues and memorie

AN OLD VETERAN

DR. MILES
DR. MI

riodical Nervous Atta

Sold by all druggists, Roberts & Neiden

We have sold them for the past three gears WITHOUT ANY ADVERTISING, and sales have constantly increased UPON MERIT ALONE. ACKER, MERRALL & CONDIT.

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